

SUN VALLEY FAMILY CAMPGROUND

DRINKING WATER CONSUMER CONFIDENCE REPORT

FOR 2018

Sun Valley Family Campground has prepared the following report to provide information to you, the consumer, on the quality of our drinking water. Included within this report is general health information, water quality test results and water system contacts.

Source water information: (You can obtain a copy of the EPA Source Water Assessment in the camp office)

Sun Valley Family Campground receives drinking water from 2 wells located in the fractured carbonate aquifer below the site. This aquifer has a high susceptibility to contamination due since the thickness of the protective layer of clay above the aquifer is less than 10 feet and the ground water level is 3 to 10 feet below the ground surface. This susceptibility means that under current conditions, there is potential for the aquifer to become contaminated. Taking appropriate protective measures, such as controlling spills and a regular testing schedule, can minimize this potential.

What are sources of contamination to drinking water?

The sources of drinking water both tap water and bottled water includes rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include; (A) Microbial contaminants, such as viruses and bacteria which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) radioactive contaminants which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at 1-800-426-4791.

Who needs to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on the appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the EPA's Safe Drinking Water Hotline at 1-800-426-4791.

About your drinking water:

EPA requires regular sampling to ensure drinking water safety. Sun Valley conducted sampling for lead and copper, haloacetic acids and trihalomethanes in 2018. Regular tests were made for coliform bacteria and nitrates, and our chlorine levels were monitored daily.

Samples were collected for 67 different contaminants, most of which were not detected in the Sun Valley water supply. The Ohio EPA requires us to monitor for some contaminants less than once a year because concentrations of these contaminants do not change frequently. Some of our data, though accurate, are more than one year old.

Table of detected contaminants: Following is information on contaminants that were found in Sun Valley's drinking water:

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Arsenic	3/21/17	6.31	6.31-6.31	0	10	ppb	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Fluoride	3/21/17	1.61	1.61-1.61	4	4.0	ppm	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead and Copper	Collection Date	90th Percentile	# of samples over AL	MCLG	Action Level (AL)	Units	Violation	Likely Source of Contamination
Copper	9/11/18	0.00	0	1.3	1.3	ppm	No	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems. Zero out of 10 samples were found to have lead levels in excess of the copper action level of 1.3 ppm.
Lead	9/11/18	0.00	0	0	15	ppb	No	Erosion of natural deposits; Corrosion of household plumbing systems. Zero out of 10 samples were found to have lead levels in excess of the lead action level of 15 ppb.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Action Level (AL): The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements which a water system must follow.

Parts per Million (ppm) or Milligrams per Liter (mg/L) are units of measure for concentration of a contaminant. A part per million corresponds to one ounce in 7,350 gallons of water

Parts per Billion (ppb) or Micrograms per Liter (µg/L) are units of measure for concentration of a contaminant. A part per billion corresponds to one ounce in 7,350,000 gallons of water

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

Arsenic Education:

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Lead Education:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Sun Valley is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 800-426-4791 or at <http://www.epa.gov/safewater/lead>.

License to Operate Status Information

In 2018, we had a current, unconditioned license to operate our water system.

Public Participation Information

Public participation and comments are encouraged. Please contact Vicki Painter at (419) 648-2235 with questions, comments or for more information on your drinking water.